



County of Los Angeles  
**CHIEF EXECUTIVE OFFICE**

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WILLIAM T FUJIOKA  
Chief Executive Officer

September 18, 2007

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

**DEPARTMENT OF PUBLIC WORKS:  
LAC+USC MEDICAL CENTER REPLACEMENT PROJECT  
APPROVAL OF CONSTRUCTION CHANGE ORDER FOR  
ANGIOGRAPHY ROOMS MEDICAL GAS SYSTEMS  
MCCARTHY/CLARK/HUNT, A JOINT VENTURE; CONTRACT PW-12641  
SPECS. 6550; C.P. 70787  
(FIRST DISTRICT) (4 VOTES)**

**IT IS RECOMMENDED THAT YOUR BOARD:**

Approve and authorize the Director of Public Works to execute a change order with McCarthy/Clark/Hunt, a Joint Venture, to provide revisions to the medical gas systems in three angiography rooms in the Diagnostic and Treatment building for a \$290,000 not-to-exceed amount.

**REASON AND SCOPE – RECOMMENDATION**

Unforeseen condition	<input type="checkbox"/>	Regulatory agency requirement	<input type="checkbox"/>
Drawing coordination	<input checked="" type="checkbox"/>	Previously approved scope change	<input type="checkbox"/>
Contract supplement	<input type="checkbox"/>	Errors and omissions	<input type="checkbox"/>
Equipment procurement process	<input checked="" type="checkbox"/>		

Board of Supervisors  
GLORIA MOLINA  
First District

YVONNE B. BURKE  
Second District

ZEV YAROSLAVSKY  
Third District

DON KNABE  
Fourth District

MICHAEL D. ANTONOVICH  
Fifth District

Approving the recommended action will allow the general contractor, McCarthy/Clark/Hunt, to relocate the floor-mounted utility pedestals in the three angiography rooms to the walls and ceilings. The pedestals provide medical gases and electrical receptacles to an area under and/or around the procedure table. The original construction documents provided a design for three angiography rooms based on using General Electric (GE) Medical angiography equipment. During the medical equipment procurement process, Siemens was selected as the apparent lowest responsible bidder for this equipment. The Siemens equipment is not compatible with the original design, because the Siemens table tilts and pivots, thereby requiring the medical gases to be relocated to the wall at the head of the patient table and in overhead ceiling-mounted medical gas hose reels. The electrical receptacles will stay as floor-mounted receptacles.

This change is the second large change for the angiography rooms. The first change approved by your Board of Supervisors (Board) on March 7, 2006, implemented changes to the electrical ducts and power supply conduits to 26 rooms in the Diagnostic and Treatment Building for a total cost of \$1,400,000, of which \$369,000 was for three angiography rooms. The proposed second change order will allow the contractor to complete the installation of the medical gas systems in the three angiography labs in the Diagnostic and Treatment building with no delay to the project schedule.

Cost negotiations for this change have not been finalized. We estimate that the total cost will not exceed \$290,000. However, if the final value exceeds the cost estimate, we will return to your Board for approval. The Department of Public Works issued a proceed order in the amount of \$130,000 for a portion of this work to avoid delay impact, and that amount is included in the recommended \$290,000. The estimated cost of the two change orders to the angiography rooms, totaling \$659,000, is funded within the current project budget, including \$511,000 savings resulting from purchasing the equipment from Siemens rather than GE. Also, the cost of the medical gas modifications could not have been avoided even if GE equipment had been purchased because, due to the advances in technology within the past 10 years, there would have been some modifications required even to accommodate the GE equipment.

We have reviewed the above recommendation as well as the potential cost and schedule impacts with the Project Advisory Committee. This change order is considered to be within the scope of the project.

There is sufficient appropriation available in the Fiscal Year 2007-08 Capital Projects/Refurbishments Budget – LAC+USC Medical Center Replacement Project (C.P. 70787) to fund this action.

The Honorable Board of Supervisors  
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**CONCLUSION**

Upon approval of the recommendations, please forward an adopted, stamped copy of the Board letter to my office.

Respectfully submitted,



WILLIAM T FUJIOKA  
Chief Executive Officer

WTJ: DLW:DL  
JSE:DJT:DKM:mc

c: County Counsel  
Department of Health Services  
Department of Public Works  
Project Advisory Committee